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new Utility Patent Application for LINEAR VOICE COIL ACTUATOR... Express Mail Label No. EK878571807US Attorney Docket No. 2102483-906101 Gray Cary et al. –GTS/415-836-2576

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COMPENSATING COIL MMF, AMPERE-TURNS

0.74 at constant force of a closed-ended linear voice coil actuator Compensating coil MMF (Ampere-turns) vs. stroke 0.37 - FORCE=688 LB/M -0.37 -0.74 -1.11 -1.48 - 009 3500 1500 1000 0 4000 3000 2500 2000

Fig. 3

STROKE, IN

1.11

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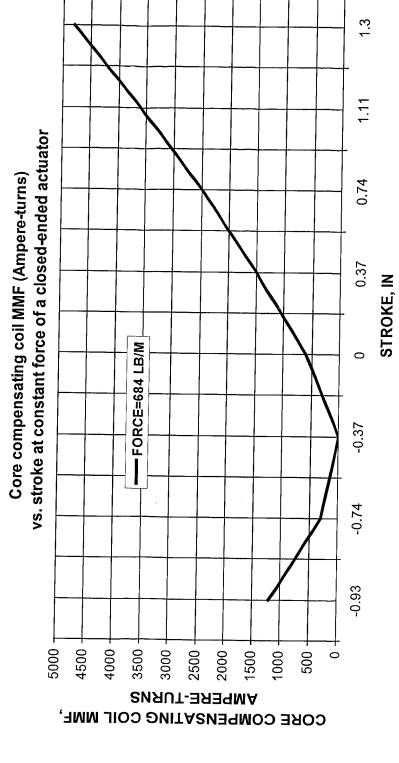


Fig. 4

Force vs. stroke at different compensating MMF (A-T) values

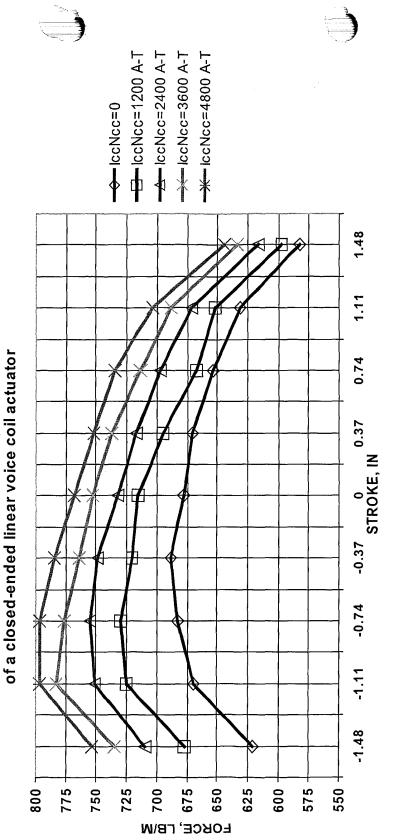
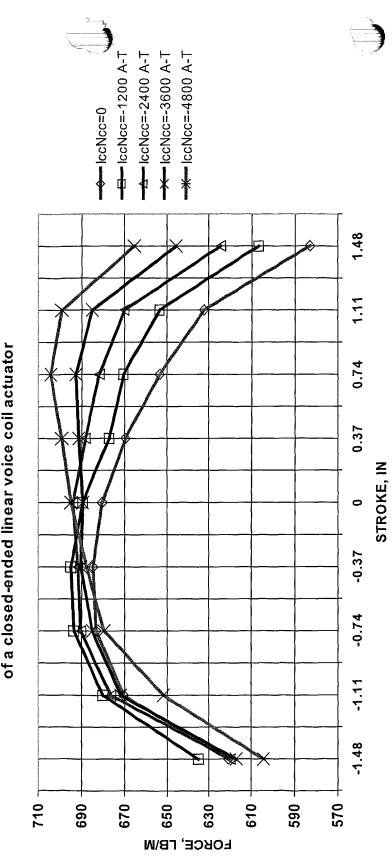


Fig. 5

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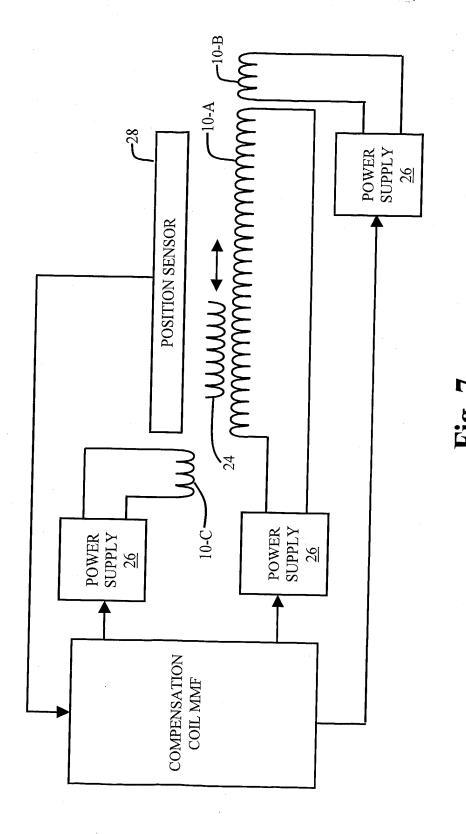
Force vs. stroke at different core compensating MMF (A-T) values of a closed-ended linear voice coil actuator



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Fig. 6



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